

**U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT**

I. HEADING

Date: March 23, 2006
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U.S. EPA Region II
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Subject: Sweet Kleen Laundry - 760 Kensington Avenue, Buffalo, NY. Inactive commercial dry cleaner. Buildings on-site contain asbestos, drums of various cleaning and maintenance chemicals, perchloroethylene contaminated soils beneath buildings.

POLREP NO: Eight (8)

II. BACKGROUND

SITE/SPILL NO.: 02UQ
RESPONSE AUTHORITY: CERCLA/SARA
NPL STATUS: Non-NPL
RESPONSE TYPE: Emergency
CERCLIS ID: NYD013771217.
REMOVAL START DATE: May 9, 2005
COMPLETION DATE: N/A
INCIDENT CATEGORY: Removal Action

III. RESPONSE INFORMATION

A. Situation

See Polrep 1

B. Actions Taken

1. EPA excavation in the perchloroethylene (PCE) contaminated soil area began on February 27. The concrete slabs were removed prior to excavation. Upon removal of the concrete slab, elevated levels of VOCs were detected beneath the broken concrete. VOC readings lessened outside the breathing zones and were not detected off-site.

2. A 30 x 40 foot area was excavated down to bedrock. Bedrock was approximately 3 feet below grade. Lateral extent of excavation was initially defined by side walls of footers that were keyed into bedrock. EPA also excavated two test pits along the northern fence line to determine if PCE was off-site. VOC readings were less than 1ppm in the excavated areas post-excavation.
3. Results of the post-excavation samples showed that the PCE contamination was not impacting off-site areas. The base of the excavation was bedrock and one post-excavation samples showed 400ppm of PCE at the base of the excavation in one sample, but lesser PPM concentrations at other areas of bedrock. In addition, lateral (side-wall) samples showed additional PCE contamination on-site, but not off-site.
4. EPA did a subsequent excavation to remove the lateral contamination on-site and post-excavation samples showed that EPA had removed the PCE contamination.
5. As a result of the elevated levels of PCE in the post-excavation sampling, EPA installed a passive soil vapor extraction system (SVE). The SVE was installed in the excavated area and the area was backfilled with gravel. The excavation was capped with geotextile fabric and crusher run stone.
6. The vent pipes of the SVE system will be periodically monitored to determine its effectiveness over the next six months. If elevated VOCs are detected from the SVE, EPA will continue to monitor the SVE and consider making it active.
7. Approximately 500 cubic yards of soil has been stockpiled and covered, pending disposal. Samples were collected for disposal analysis and results are forthcoming.
8. A small UST was identified on-site and was removed. The tank contained a bit of water and iron scale. The tank was intact and no soil contamination was found. VOCs were non-detect and the area was backfilled.
9. Site trailers and security was demobilized until the shipment of soil off-site commences.

C. Future Actions

1. SVE system will be monitored for VOCs over the next several months.
2. The PCE contaminated soil will be analyzed, disposal bids will be solicited and the soil will be shipped off-site.

D. Key Issues

None.

IV. COST INFORMATION: As of 03/23/06

Site Ceiling as of 03/23/06			
	Total Ceiling	Costs to Date	Amount Remaining
WRS	\$ 700,000	\$ 590,000	\$ 110,000
RST (Weston Solutions)	\$ 100,000	\$ 90,000	\$ 10,000
EPA	\$ 100,000	\$ 95,000	\$ 5,000
Totals	\$ 900,000	\$ 775,000	\$ 125,000

The preceding costs reflect the amounts obligated to the project at this time but do not reflect the entire site ceiling amounts. If additional funding is necessary, the totals will be adjusted accordingly.

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data, which the OSC must rely upon, may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.